Work Order ID 60464

July 12, 2010 8:30:38 AM

Item ID:

D3913-041

Revision ID:

Start Date:

Reference:

Approvals:

Item Name: Long Basket Base Assemby, 350

7/12/10

Start Qty: 1.00 Required Date: 7/20/10

Req'd Qty: 1.00

OC:

Process Plan:

Α

Operation Description

Large Fab

Draw Nbr **Revision Nbr**

D3913

Sequence ID/

Work Center ID

Large Fab

- Large Fab

1- assemble ribs, weld as per dwg D3913 using DT9610A

inspect before welding mesh

Weld per dwg A/R S.S. rod Batch: 1087 5 0.00

Date:

Date:

2- tack weld mesh on basket as per dwg D3913 and trim mesh to fit if necessary

and trim to clear fasteners holes on the ends

3- weld hinge (3) and Mounting brackets as per dwg D3913

take lid to locate hinge and bracket

110

Quality Control

Memo

QC9- Inspect visual per QSI004- Fusion Welds

0.00

0.00

0.00

Accept

Tooling:

SPC (Y/N):

Set Up/

Run Hours



Setup Start

Stop

Cust Item ID:

Customer:

Tool ID

Date:

Date:

Tool#

Plan Code

Accept Qty

Reject **Qty**

Run

Reject

Start

Stop

Insp. Number Stamp

PD 10,07.15

Dart Aerosp	ace Ltd
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W/O:			WO	RK ORDER CHANGI	ES				
DATE	STEP	PRO	PROCEDURE CHANGE By Date						Approval QC Inspector
377.272.000.72									
Part No	-	PAR #:	Fault Categ	ory:	NCR: Yes	No DQA		Date: _	
	Re	esolution:	Disposition	:	QA: N/C C	losed:		Date: _	
NCR:		\	WORK ORDE	R NON-CONFORMA	NCE (NC	R)			
		Description of NC		Corrective Action Section	: VARIICS			Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Section		Chief Eng	, QC Inspector
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Work Order ID 60464

July 12, 2010 8:30:38 AM

Item 1D:

D3913-041

Revision ID:

Item Name:

Long Basket Base Assemby, 350

Start Date:

7/12/10

QC:

Start Qty: 1.00

Required Date: 7/20/10

Req'd Qty: 1.00



Accept



Setup Start

Stop



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date: Date: Tooling:

Date:

Date:

Start Run



Stop



Sequence ID/ Work Center ID

120

Quality Control

Operation Description

QC52 Inspect part completeness to step on W/O

QUL

Memo

Set Up/ **Run Hours**

SPC (Y/N):

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

130

Powdercoat Powder Coating White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00

Memo

0.00

1- Plug holes and mask only interior of hinge (3) prior to powder

1ST COAT: START TIME:

OVEN TEMPERATURE:

M 114841

18:00 AM FINISH TIME:

12:13 2ND COAT: START TIME:

OVEN TEMPERATURE:

FINISH TIME:

m. p w/07/20

Dart Ae	ospace	e Ltd			
W/O: 6	0464		WORK ORDER CHANGES		
DATE	STEP	0	PROCEDURE CHANGE	Ву	Date

W/O: 6	0464	WORK ORDER CHA	ANGES				
DATE		^	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No: <u>D3913-041</u>	PAR #: Fault Category:	NCR: Yes No DQA:	Date:
Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:			WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector				
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Work Order ID 60464

July 12, 2010 8:30:45 AM

Item ID:

D3913-041

Revision ID:

Item Name:

Long Basket Base Assemby, 350

Start Date:

7/12/10

QC:

Start Qty: 1.00

Required Date: 7/20/10

Req'd Qty: 1.00



Accept



Setup Start



Stop

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Cust Item ID:

Customer:

Date: Date: Run Start

Stop

Sequence ID/ Work Center ID

140

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

Set Up/ **Run Hours**

0.00

0.00

Sn 10/07/21

Tool ID

Tool # Plan . Accept Code Qty

Reject Qty

Reject Number

Insp. Stamp

150

HandFinish

Hand Finishing

Assemble as per dwg

Memo

Pick Kit

0.00

0.00

So 18/07/21

160

QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

Dioloshi

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W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	PROCEDURE CHANGE By						Approval QC Inspector
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Part No		PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQA		Date:	
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NCR:		\	WORK OR	DER NON-CONFORMA	NCE (NC	R)			
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Work Order ID 60464

July 12, 2010 8:30:45 AM

Required Date: 7/20/10

Item ID:

D3913-041

Revision ID:

Item Name:

Long Basket Base Assemby, 350

Start Date:

7/12/10

Start Qty: 1.00

Req'd Qty: 1.00



Accept



Setup Start



Stop

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Stop



OC:

Date:

SPC (Y/N):

Date:

Tool ID

Accept

Qty

Tool # Plan

Code

Reject

Qty

Reject Insp.

Stamp

Sequence ID/ Work Center ID

170

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:_

Set Up/ **Run Hours**

0.00

180

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/01/2290 Mr 10-7-21

Number

W/O:			N	ORK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval QC Inspector	
										
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Picklist Print

July 12, 2010 8:30:33 AM

Work Order ID: 60464

Parent Item: D3913-041

Parent Item Name: Long Basket Base Assemby, 350

Start Date: 7/12/10

Required Date: 7/20/10

Start Qty: 1.00

Required Qty: 1.00

											require	a Qty. 1.00
Comments:	IPP Rev:A new iss chg qty's DD 10.0	sue DD 10.03.19 4.12 verified by:E	verified EC	l by:EC	IPP F	Rev:B						
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Status Issued
AN3-10A		Purchased	No			150	Each	94.0000	6	6		
				Location ST351		<u>Loc (</u>	94	Loc Code				11-12-
AN960JD8	NAS1149DN832 J	Purchased	No		115016	150	94 Each	0.0000	2	2	- Sh	0000
Washer		· .		• •	K	11488	3				* /	6/07/20
D2581 Mounting Bracket		Manufactured	No			100	Each !	18.0000	2	2 Ph	10,07	
D2931		Manufactured	No		46086 51745 57185 59265	Loc (18 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>Loc Code</u> 816.0000		3		
Bumper				Location ST504	46064	<u>Loc (</u>	i	Loc Code		2	Sh	10/02/20

Dart Aerospace Ltd WORK ORDER CHANGES W/O: **Approval Approval STEP PROCEDURE CHANGE** DATE By **Q**ty **Date** Chief Eng / QC Inspector Prod Mgr Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ____ Date: ____ Resolution: _____ Disposition: ____ QA: N/C Closed: ____ Date: ____ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B **Description of NC** Verification **Approval Approval** DATE **STEP** Sign & **Action Description** Initial Section C Section A Chief Eng QC Inspector **Date** Chief Eng Chief Eng

Chief Eng Date

July 12, 2010 8:30:34 AM

Work Order ID: 60464

Parent Item:

D3913-041

Parent Item Name: Long Basket Base Assemby, 350

D3913-1

Rib

Manufactured

No

100 Each

Loc Qty

4.0000

D 10.07.12

Required Date: 7/20/10

Required Qty: 1.00

D3913-15

Wide Handle Plate

Manufactured

59337 59842

Location

WA

3 100 Each

Loc Qty

6.0000

Loc Code

Loc Code

Start Date: 7/12/10

Start Qty: 1.00

21. 10.01 da

D3913-3

Manufactured No 58586 60324

Location

WA

100

3 Each

6

3

5.0000

Loc Code

10.07.12

D3913-7 Rib

Manufactured No Location Loc Qty WA 5 59338 2 60323 3 100 Each

11.0000

Loc Code

10.07.12

Location Loc Qty WA 11 59339 2 59743 3 60263 6

W/O:			V	VORK ORDER CHANG	SES					* 4	
DATE	STEP	PRO	CEDURE CHANGE By Date Oty						Approval Chief Eng / Prod Mgr Approv		
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Part No				_ Fault Category: NCR: Yes No DQA:							
	R	esolution:							Date: _		
NCR:	_	V	VORK OR	DER NON-CONFORM	ANCE (NCH)	<u> </u>				
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Picklist Print

July 12, 2010 8:30:34 AM

Work Order ID: 60464

Parent Item:

D3913-041

Parent Item Name: Long Basket Base Assemby, 350



Start Date: 7/12/10

Required Date: 7/20/10

Page 3

Start Qty: 1.00

Required Qty: 1.00

D3913-9

Hinge Rib

D3916-041

Rib Assembly

D3916-5

Light Rib

D4016-1

Hinge Half, Base

Manufactured No

Manufactured

Manufactured

Manufactured

No

100

Each

5.0000

PD 10,02.12

Location Loc Qty Loc Code 5 59731 2 60322 3

100

Each 4.0000

PD 10.07.12

Location WA

No

No

WA

59732

Loc Qty 4 4 100 Each

Loc Code

9.0000

Loc Code

PD 10.07.12

Location WA

57023 59535

Loc Qty 9 2 7

Each

9

100

9.0000

Location WA

59983

Loc Qty 9

Loc Code

July 12, 2010 8:30:34 AM

Shop Packet Print

Page 3

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W/O:			WC	RK ORDER CHAN	IGES					٠,
DATE	STEP	PRO	NGE		Ву	Date	Qy	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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Part No	•	PAR #:	Fault Cate	gory:	NCR:	Yes I	No DQA		Date:	
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DATE	STEP Description of NC Corrective Action Section B				Verifica			Approval		
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July 12, 2010 8:30:35 AM

Work Order ID: 60464

Parent Item:

D3913-041



Parent Item Name: Long Basket Base Assemby, 350 **Start Date: 7/12/10** Required Date: 7/20/10 Start Qty: 1.00 Required Qty: 1.00 D4017-7 Manufactured No 100 Each 5.0000 B 10,01.12 Location Loc Oty Loc Code WA 58929 2 59836 3 D4017-9 Manufactured 100 Each 10.0000 (S. 10,01.12) Rib Location Loc Qty Loc Code WA 10 59538 (3) 4 59984 6 Manufactured No 100 Each 4.0000 PD 10,07.14

104020-1
Mesh (350 Basket Long, Base)

D4020-11

End Mesh, Basket

Loc			

Manufactured

<u>Location</u>	Loc	<u>Oty</u>	Loc Code
WA		4	
59555		1	
59848		3	
	100	Each	12.0000

0000	2		
0000		RD	10.07.14

Location	Loc Qty	Loc Code
WA	12	
58136	1	
59413	5	
59942	6	

July 12, 2010 8:30:35 AM

Shop Packet Print

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July 12, 2010 8:30:35 AM

Work Order ID: 60464

Parent Item:

D3913-041

Parent Item Name: Long Basket Base Assemby, 350



Location

Location

Location

WA

STIII

57086

59746 60183

59096

58729

59747

Start Date: 7/12/10

Required Date: 7/20/10

Required Oty: 1.00

Start Qty: 1.00

D4021-1

Handle Plate	

D4021-5

Blanking Plate

D4034-041

Aft Upper Rib Assembly

D4034-043

Fwd Upper Rib Assembly

Manufactured

Manufactured

Manufactured

ST109 WA Manufactured No

No

No

100 Each

18.0000

10,07.12

3.0000

Loc Code

2



Loc Qty Loc Code 3 100 Each 3.0000

Loc Qty Loc Code 3 1 2 100 Each 3.0000

10.01-12

\$ 10,07.12

Location Loc Qty Loc Code WA 3 59748 3

W/O:			V	ORK ORDER CHANGE	S				
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Picklist Print

July 12, 2010 8:30:36 AM

Work Order ID: 60464

Parent Item:

D3913-041

Parent Item Name: Long Basket Base Assemby, 350

MS20600-AD4W3

Purchased

No

No

No



Cherry Rivets

MS21042L3

Purchased

NAS1149F0332P

Purchased



WASHER



Start Date: 7/12/10

Start Qty: 1.00

2

Required Date: 7/20/10

Required Qty: 1.00

150 Each

1,631.000

Location	<u>L</u>	oc Qty
ST321		1631
106375		3 '
107939		822
111636		806
	150	Each

Loc Code 2,708.000

= SB 10/07/20



Location	<u>Lo</u>	c Qty	Loc Code
ST300		2708	
114523		232	
114718		476	
114784		2000	
	150	Each	691.0000

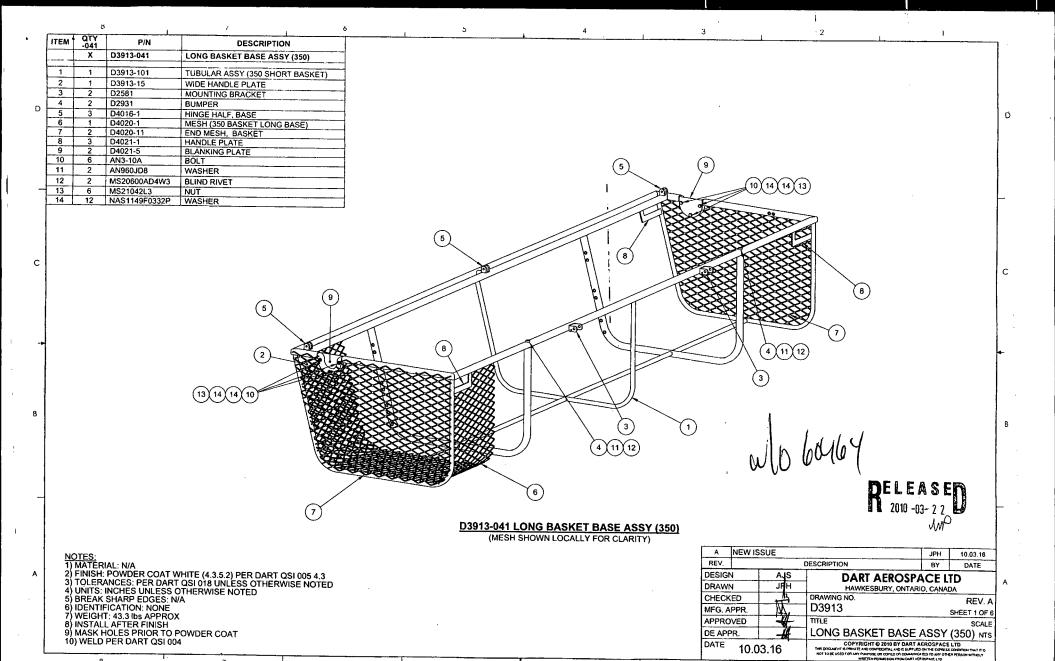
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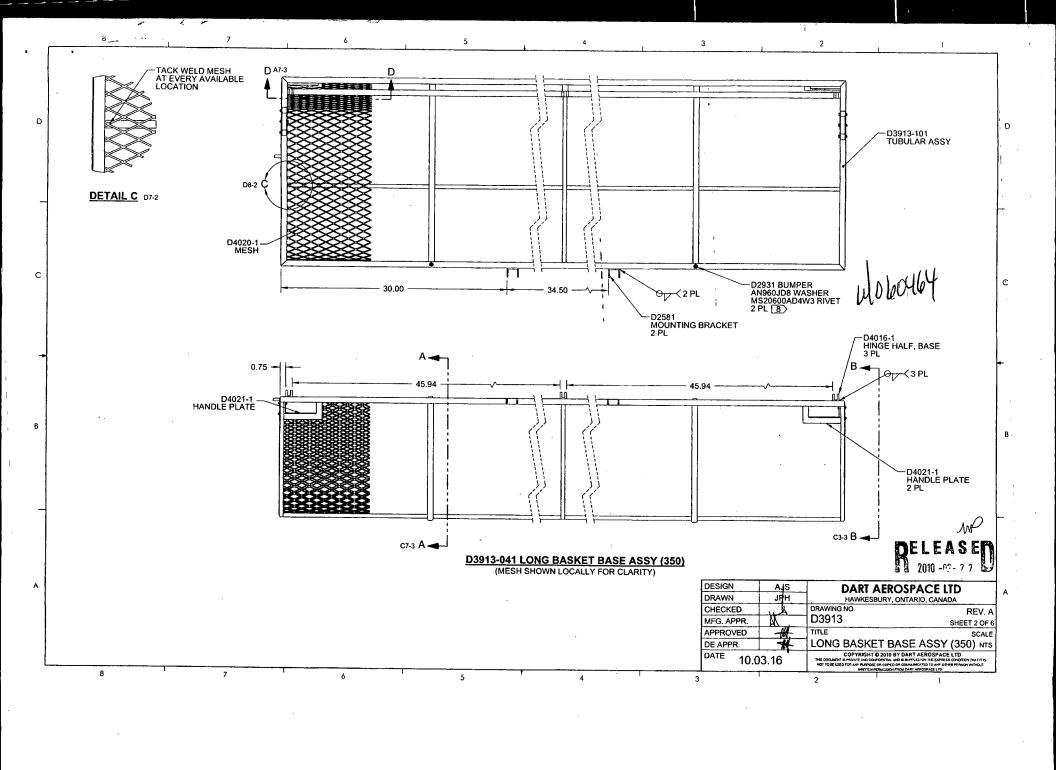
Location	Loc Qty	Loc Code
ST275	691	
18057	691	

12 So 10/07/20

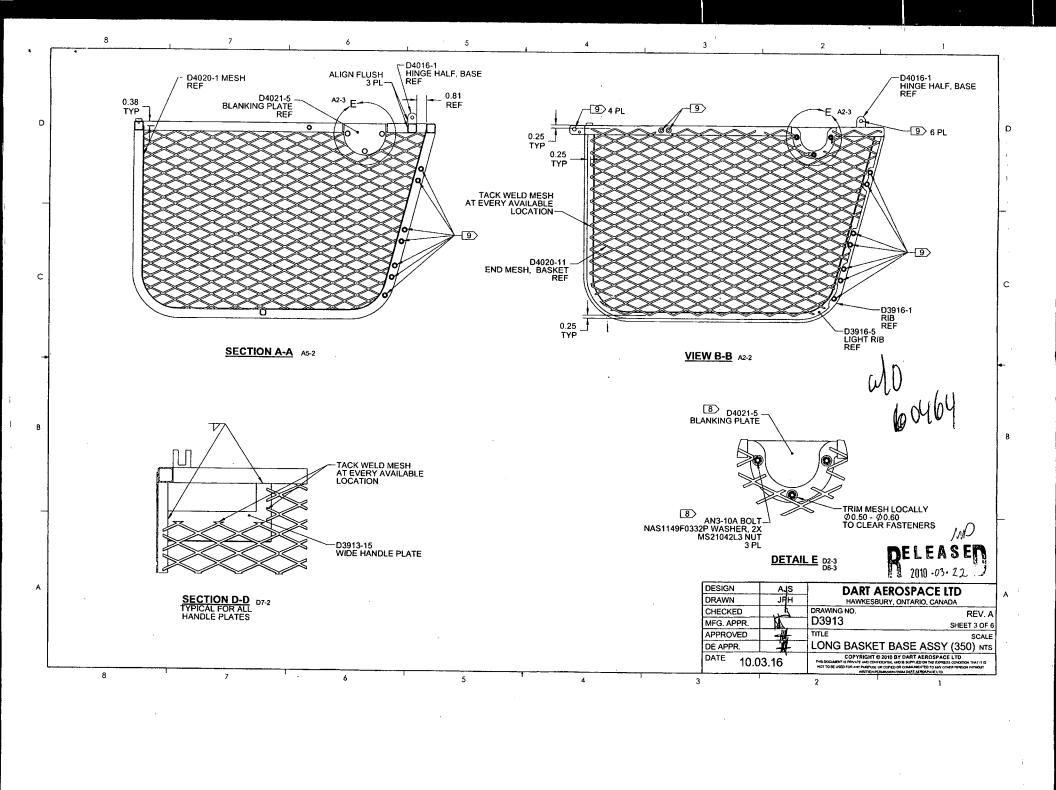
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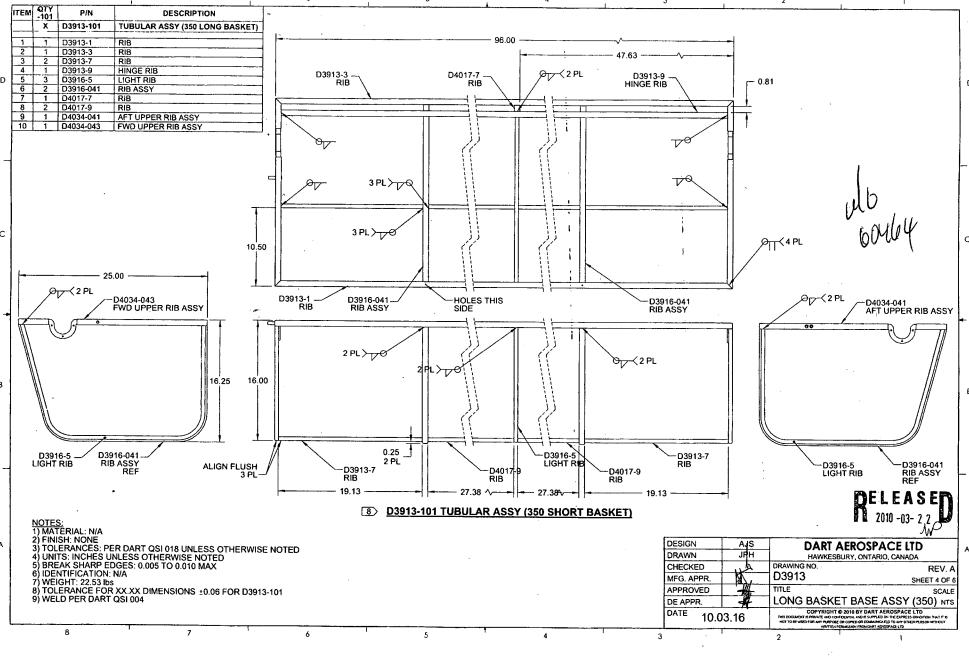


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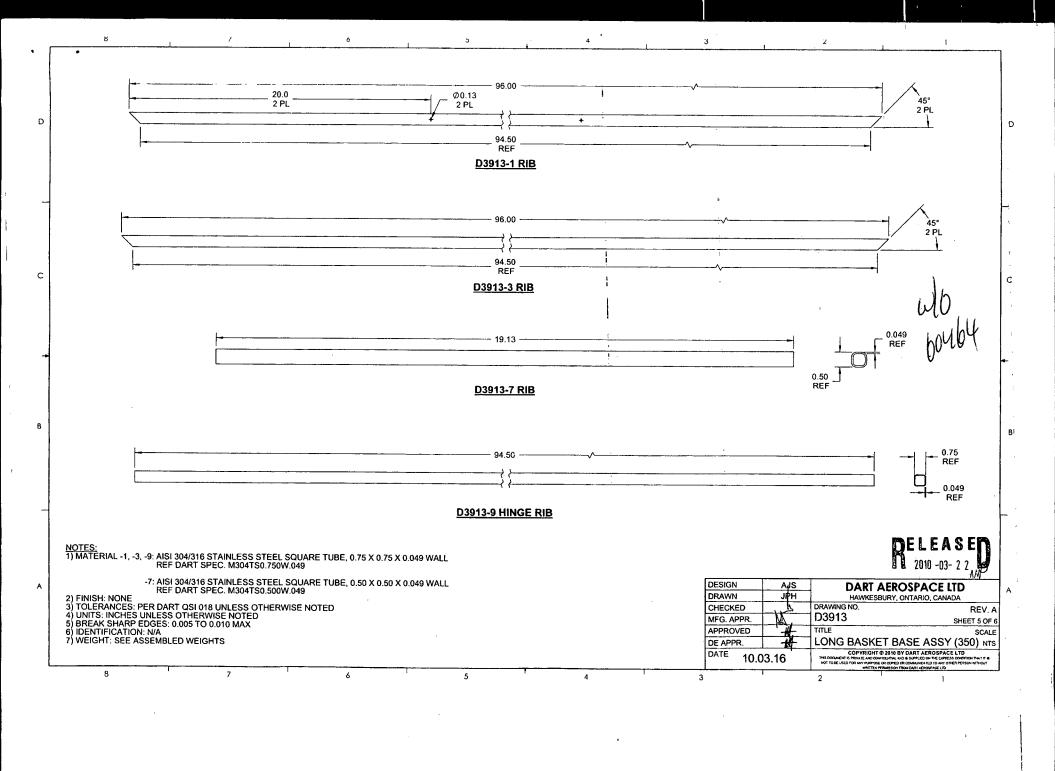


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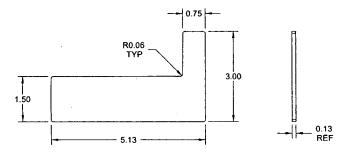
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D3913-15 WIDE HANDLE PLATE

DESIGN	AJS	DART AEROSE	PACELID				
DRAWN	JFH	HAWKESBURY, ONTARIO, CANADA					
CHECKED		DRAWING NO.	REV. A				
MFG. APPR.	M.	D3913	SHEET 6 OF 6				
APPROVED	#	TITLE	SCALE				
DE APPR.	4#	│LONG BASKET BASE	E ASSY (350) NTS				
DATE 10.0	3.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS BOOLMONT OF PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS CONCITION THAT IT IS					

NOTES:
1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.31 lbs

Dart Aerospace Ltd WORK ORDER CHANGES W/O: **Approval Approval** DATE **STEP** PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ___ Date: _____ Resolution: QA: N/C Closed: Date: _____ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B **Description of NC** Verification **Approval** Approval DATE **STEP** Sign & **Action Description** Initial Section A Section C QC Inspector Chief Eng Date Chief Eng Chief Eng